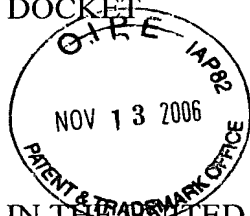


ATTORNEY DOCKET  
064747.1017

PATENT APPLICATION  
10/825,021

1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shannon V. Davidson et al.  
Serial No.: 10/825,021  
Filing Date: April 15, 2004  
Group Art Unit: 2191  
Confirmation No.: 7500  
Title: System and Method for Topology-Aware Job Scheduling and Backfilling in an HPC Environment

**Mail Stop: Amendments**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

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I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to The Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

*Willie Jiles*

Willie Jiles

Date: November 13, 2006

### INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§1.56, 1.97, and 1.98, that the documents listed on the attached Form PTO-1449 be considered and cited in the examination of the above-identified application.

Pursuant to the changes to C.F.R. §1.98(a)(2), copies of U.S. patents and U.S. patent application publications have not been provided. References other than U.S. patents and U.S. patent application publications are enclosed for the convenience of the Examiner.

Pursuant to 37 C.F.R. §§1.97(g) and (h), Applicants make no representation that these documents qualify as prior art or that these documents are material to patentability of the present application or that a search has been made.

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PATENT APPLICATION  
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**REMARKS**

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicants believe this Information Disclosure Statement has been filed before the mailing date of the first Official Action in this case. Therefore, Applicants believe no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,  
BAKER BOTTS L.L.P.  
Attorneys for Applicants

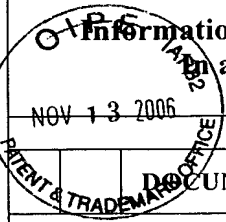
A handwritten signature consisting of two stylized 'T' characters connected by a horizontal line.

Travis W. Thomas  
Reg. No. 48,667

Date: November 13, 2006

Correspondence Address:

**Customer Number 45507**

PTO-1449		Application No. 10/825,021		Applicant(s) Shannon V. Davidson et al.		
		Docket Number 064747.1017		Group Art Unit 2191	Filing Date April 15, 2004	
		<b>U.S. PATENT DOCUMENTS</b>				
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
<b>NON-PATENT DOCUMENTS</b>						
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)				DATE
	A	Communication from the European Patent Office, European Search Report for Application No. PCT/US2005/012500 and Written Opinion of the International Search Authority, mailed 08/01/2005, 12 pages				08/01/2005
	B	Communication from the European Patent Office, European Search Report for Application No. PCT/US2005/012489 and Written Opinion of the International Search Authority, mailed 11/18/2005, 14 pages				11/18/2005
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	H	Moore et al., "Managing Mixed-Use Clusters with Clusters-onDemand," Internet Article, November 2002				November 2002
	I	Di Santo et al., "Kernel Implementation of Locality-Aware Dispatching Techniques for Web Server Clusters," Cluster Computing, 2003 Proceedings, Pages 154-162				12/01/2003
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	L	Davidson, Patent Application Serial No. 10/991,598, entitled, "Scheduling in a High Performance Computing (HPC) System", 111 pages specification, claims and abstract, 11 pages of drawings, Attorney Docket No. 064747.1048				11/17/2004
	M	Davidson, Patent Application Serial No. 10/991,994, entitled, "On-Demand Instantiation in a High-Performance Computing (HPC) System", 110 pages specification, claims and abstract, 12 pages of drawings, Attorney Docket No. 064747.1049				11/17/2004
EXAMINER					DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

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